

Please type a plus sign (+) in this box →

+
01/14/02

SUBSTITUTE PTO/SB/05

Approved for use through 10/31/2002.

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

UTILITY PATENT APPLICATION TRANSMITTAL <small>(Use for new non-provisional applications under 37 C.F.R. § 1.53(b))</small>		Attorney Docket No. AFD 504
		First Inventor or Application Identifier William V. Lampert et al.
Title METHOD OF GROWING HOMOEPIТАXIAL SILICON CARBIDE		
Express Mail Label No. EH555040864US		

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents

ADDRESS TO: Assistant Commissioner for Patents
 Box Patent Application
 Washington, DC 20231

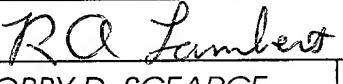
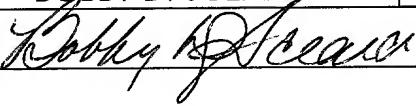
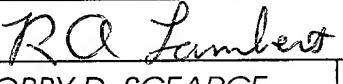
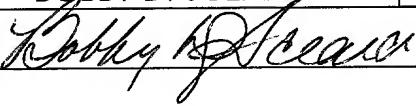
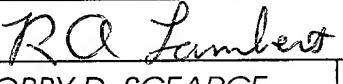
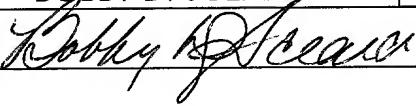
1. <input checked="" type="checkbox"/> *Fee Transmittal Form (e.g., PTO/SB/17)	7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
2. <input type="checkbox"/> Applicant claims small entity status (See 37 CFR 1.27)	8. Nucleotide and/or Amino Acid Sequence Submission <i>(if applicable, all necessary)</i>
3. <input checked="" type="checkbox"/> Specification [Total Pages 11] <i>(Preferred arrangement set forth below)</i>	a. <input type="checkbox"/> Computer Readable Form (CRF)
- Descriptive title of the invention	b. Specification Sequence Listing on:
- Cross Reference to Related Applications	i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or
- Statement Regarding Fed sponsored R&D	ii. <input type="checkbox"/> Paper
- Reference to sequence listing, a table, or a computer program listing appendix	c. <input type="checkbox"/> Statements verifying identity of above copies
- Background of the Invention	
- Brief Summary of the Invention	
- Detailed Description	
- Claim(s)	
- Abstract of the Disclosure	
4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets 1]	9. <input type="checkbox"/> Assignment Papers (cover sheet & document(s))
5. <input type="checkbox"/> Oath or Declaration [Total Pages 3]	10. <input type="checkbox"/> 37 CFR 1.373(b) Statement <input checked="" type="checkbox"/> Power of Attorney
a. <input checked="" type="checkbox"/> Newly executed (original or copy)	11. <input type="checkbox"/> English Translation Document <i>(if applicable)</i>
b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) <i>(for continuation/divisional with Box 18 completed)</i>	12. <input checked="" type="checkbox"/> Information Disclosure Statement (IDS) PTO-1449 <input checked="" type="checkbox"/> Copies of IDS Citations
i. <input type="checkbox"/> DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).	13. <input type="checkbox"/> Preliminary Amendment
6. <input type="checkbox"/> Application Data Sheet. See 37 CFR 1.76	14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) <i>(should be itemized)</i>
18. If a CONTINUING APPLICATION , check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76	15. <input type="checkbox"/> Certified Copy of Priority Document(s)
<input type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input type="checkbox"/> Continuation in Part (CIP)	16. <input checked="" type="checkbox"/> Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach for PTO/SB/35 or its equivalent.
Prior application information: Examiner _____	17. <input checked="" type="checkbox"/> Other: Request for 37 CFR 1.10 Express Mailing

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5B, is considered to be a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.**CORRESPONDENCE ADDRESS**

<input checked="" type="checkbox"/> Customer Number or Bar Code Label		 <small>(Insert Customer number or attach bar code label here)</small>	or <input type="checkbox"/> Correspondence address below	
Name	RICHARD A. LAMBERT	26902		
Address	AFMCLO/JAZ BLDG 11, ROOM 100 2240 B STREET	PATENT TRADEMARK OFFICE		
City	WRIGHT-PATTERSON AFB	State	OH	Zip Code
Country	U.S.A.	Telephone	(937) 255-2838	Fax
Name (Print / Type)		Registration No. (Attorney / Agent)		32,909
Signature		Date		1/14/2002

FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

FEE TRANSMITTAL for FY 2002 <i>Patent fees are subject to annual revision.</i>				Complete if Known																																																																																																																																																																																																																			
				Application Number																																																																																																																																																																																																																			
				Filing Date																																																																																																																																																																																																																			
				First Named Inventor		William V. Lampert et al.																																																																																																																																																																																																																	
				Examiner Name																																																																																																																																																																																																																			
Group Art Unit																																																																																																																																																																																																																							
TOTAL AMOUNT OF PAYMENT		(\$) 740.00		Attorney Docket Number AFD 504																																																																																																																																																																																																																			
METHOD OF PAYMENT				FEE CALCULATION (continued)																																																																																																																																																																																																																			
1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to: Deposit Account Number AF 01-0465 Deposit Account Name Department of the Air Force <input checked="" type="checkbox"/> Charge Any Additional Fee Required under 37 CFR 1.16 and 1.17 <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27				3. ADDITIONAL FEES <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;">Large Entity Code</th> <th style="width: 10%;">Large Entity Fee (\$)</th> <th style="width: 10%;">Small Entity Code</th> <th style="width: 10%;">Small Entity Fee (\$)</th> <th style="width: 40%;">Fee Description</th> <th style="width: 20%;">Fee Paid</th> </tr> </thead> <tbody> <tr><td>105</td><td>130</td><td>205</td><td>65</td><td>Surcharge - late filing fee or oath</td><td></td></tr> <tr><td>127</td><td>50</td><td>227</td><td>25</td><td>Surcharge - late provisional filing fee or cover sheet</td><td></td></tr> <tr><td>139</td><td>130</td><td>139</td><td>130</td><td>Non-English specification</td><td></td></tr> <tr><td>147</td><td>2,520</td><td>147</td><td>2,520</td><td>For filing a request for ex parte reexamination</td><td></td></tr> <tr><td>112</td><td>920*</td><td>112</td><td>920*</td><td>Requesting publication of SIR prior to Examiner Action</td><td></td></tr> <tr><td>113</td><td>1,840*</td><td>113</td><td>1,840*</td><td>Requesting publication of SIR after Examiner action</td><td></td></tr> <tr><td>115</td><td>110</td><td>215</td><td>55</td><td>Extension for reply within first month</td><td></td></tr> <tr><td>116</td><td>400</td><td>216</td><td>200</td><td>Extension for reply within second month</td><td></td></tr> <tr><td>117</td><td>920</td><td>217</td><td>460</td><td>Extension for reply within third month</td><td></td></tr> <tr><td>118</td><td>1,440</td><td>218</td><td>720</td><td>Extension for reply within fourth month</td><td></td></tr> <tr><td>119</td><td>320</td><td>219</td><td>160</td><td>Notice of Appeal</td><td></td></tr> <tr><td>120</td><td>320</td><td>220</td><td>160</td><td>Filing a brief in support of an appeal</td><td></td></tr> <tr><td>121</td><td>280</td><td>221</td><td>140</td><td>Request for oral hearing</td><td></td></tr> <tr><td>138</td><td>1,510</td><td>138</td><td>1,510</td><td>Petition to institute a public use proceeding</td><td></td></tr> <tr><td>140</td><td>110</td><td>240</td><td>55</td><td>Petition to revive – unavoidable</td><td></td></tr> <tr><td>141</td><td>1,280</td><td>241</td><td>640</td><td>Petition to revive - unintentional</td><td></td></tr> <tr><td>142</td><td>1,280</td><td>242</td><td>640</td><td>Utility issue fee (or reissue)</td><td></td></tr> <tr><td>143</td><td>440</td><td>243</td><td>220</td><td>Design issue fee</td><td></td></tr> <tr><td>144</td><td>620</td><td>244</td><td>310</td><td>Plant issue fee</td><td></td></tr> <tr><td>122</td><td>130</td><td>122</td><td>130</td><td>Petitions to the Commissioner</td><td></td></tr> <tr><td>123</td><td>50</td><td>123</td><td>50</td><td>Processing fee under 37 CFR 1.17(q)</td><td></td></tr> <tr><td>126</td><td>180</td><td>126</td><td>180</td><td>Submission of Information Disclosure Statement</td><td></td></tr> <tr><td>581</td><td>40</td><td>581</td><td>40</td><td>Recording each patent assignment per property (times # of properties)</td><td></td></tr> <tr><td>146</td><td>740</td><td>246</td><td>370</td><td>Filing a submission after final rejection (37 CFR §1.129(a))</td><td></td></tr> <tr><td>149</td><td>740</td><td>249</td><td>370</td><td>For each additional invention to be examined (37 CFR §1.129(b))</td><td></td></tr> <tr><td>179</td><td>740</td><td>279</td><td>370</td><td>Request for Continued Examination (RCE)</td><td></td></tr> <tr> <td colspan="4" style="padding: 5px;">Other fee (specify) _____</td> <td colspan="2" style="padding: 5px;">SUBTOTAL (3) \$ _____</td> </tr> <tr> <td colspan="6" style="text-align: center; padding: 5px;">** or number previously paid, if greater; For Reissues, see below</td> </tr> <tr> <td colspan="6" style="text-align: center; padding: 5px;">*Reduced by Basic Filing Fee Paid</td> </tr> <tr> <td colspan="6" style="text-align: center; padding: 5px;">SUBMITTED BY Complete (if applicable)</td> </tr> <tr> <td style="width: 10%;">Typed or Printed Name</td> <td colspan="2" style="width: 30%;">RICHARD ALAN LAMBERT</td> <td style="width: 15%;">Registration. No.</td> <td style="width: 15%;">32,909</td> <td style="width: 20%;">Telephone (937) 255-2838</td> </tr> <tr> <td>Signature</td> <td colspan="2"></td> <td>Date</td> <td colspan="2">1/14/2002</td> </tr> <tr> <td>Typed or Printed Name</td> <td colspan="2">BOBBY D. SCEARCE</td> <td>Registration. No.</td> <td>26,333</td> <td>Telephone (937) 255-2838</td> </tr> <tr> <td>Signature</td> <td colspan="2"></td> <td>Date</td> <td colspan="2">1/14/02</td> </tr> </tbody></table>		Large Entity Code	Large Entity Fee (\$)	Small Entity Code	Small Entity Fee (\$)	Fee Description	Fee Paid	105	130	205	65	Surcharge - late filing fee or oath		127	50	227	25	Surcharge - late provisional filing fee or cover sheet		139	130	139	130	Non-English specification		147	2,520	147	2,520	For filing a request for ex parte reexamination		112	920*	112	920*	Requesting publication of SIR prior to Examiner Action		113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action		115	110	215	55	Extension for reply within first month		116	400	216	200	Extension for reply within second month		117	920	217	460	Extension for reply within third month		118	1,440	218	720	Extension for reply within fourth month		119	320	219	160	Notice of Appeal		120	320	220	160	Filing a brief in support of an appeal		121	280	221	140	Request for oral hearing		138	1,510	138	1,510	Petition to institute a public use proceeding		140	110	240	55	Petition to revive – unavoidable		141	1,280	241	640	Petition to revive - unintentional		142	1,280	242	640	Utility issue fee (or reissue)		143	440	243	220	Design issue fee		144	620	244	310	Plant issue fee		122	130	122	130	Petitions to the Commissioner		123	50	123	50	Processing fee under 37 CFR 1.17(q)		126	180	126	180	Submission of Information Disclosure Statement		581	40	581	40	Recording each patent assignment per property (times # of properties)		146	740	246	370	Filing a submission after final rejection (37 CFR §1.129(a))		149	740	249	370	For each additional invention to be examined (37 CFR §1.129(b))		179	740	279	370	Request for Continued Examination (RCE)		Other fee (specify) _____				SUBTOTAL (3) \$ _____		** or number previously paid, if greater; For Reissues, see below						*Reduced by Basic Filing Fee Paid						SUBMITTED BY Complete (if applicable)						Typed or Printed Name	RICHARD ALAN LAMBERT		Registration. No.	32,909	Telephone (937) 255-2838	Signature			Date	1/14/2002		Typed or Printed Name	BOBBY D. SCEARCE		Registration. No.	26,333	Telephone (937) 255-2838	Signature			Date	1/14/02	
Large Entity Code	Large Entity Fee (\$)	Small Entity Code	Small Entity Fee (\$)	Fee Description	Fee Paid																																																																																																																																																																																																																		
105	130	205	65	Surcharge - late filing fee or oath																																																																																																																																																																																																																			
127	50	227	25	Surcharge - late provisional filing fee or cover sheet																																																																																																																																																																																																																			
139	130	139	130	Non-English specification																																																																																																																																																																																																																			
147	2,520	147	2,520	For filing a request for ex parte reexamination																																																																																																																																																																																																																			
112	920*	112	920*	Requesting publication of SIR prior to Examiner Action																																																																																																																																																																																																																			
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action																																																																																																																																																																																																																			
115	110	215	55	Extension for reply within first month																																																																																																																																																																																																																			
116	400	216	200	Extension for reply within second month																																																																																																																																																																																																																			
117	920	217	460	Extension for reply within third month																																																																																																																																																																																																																			
118	1,440	218	720	Extension for reply within fourth month																																																																																																																																																																																																																			
119	320	219	160	Notice of Appeal																																																																																																																																																																																																																			
120	320	220	160	Filing a brief in support of an appeal																																																																																																																																																																																																																			
121	280	221	140	Request for oral hearing																																																																																																																																																																																																																			
138	1,510	138	1,510	Petition to institute a public use proceeding																																																																																																																																																																																																																			
140	110	240	55	Petition to revive – unavoidable																																																																																																																																																																																																																			
141	1,280	241	640	Petition to revive - unintentional																																																																																																																																																																																																																			
142	1,280	242	640	Utility issue fee (or reissue)																																																																																																																																																																																																																			
143	440	243	220	Design issue fee																																																																																																																																																																																																																			
144	620	244	310	Plant issue fee																																																																																																																																																																																																																			
122	130	122	130	Petitions to the Commissioner																																																																																																																																																																																																																			
123	50	123	50	Processing fee under 37 CFR 1.17(q)																																																																																																																																																																																																																			
126	180	126	180	Submission of Information Disclosure Statement																																																																																																																																																																																																																			
581	40	581	40	Recording each patent assignment per property (times # of properties)																																																																																																																																																																																																																			
146	740	246	370	Filing a submission after final rejection (37 CFR §1.129(a))																																																																																																																																																																																																																			
149	740	249	370	For each additional invention to be examined (37 CFR §1.129(b))																																																																																																																																																																																																																			
179	740	279	370	Request for Continued Examination (RCE)																																																																																																																																																																																																																			
Other fee (specify) _____				SUBTOTAL (3) \$ _____																																																																																																																																																																																																																			
** or number previously paid, if greater; For Reissues, see below																																																																																																																																																																																																																							
*Reduced by Basic Filing Fee Paid																																																																																																																																																																																																																							
SUBMITTED BY Complete (if applicable)																																																																																																																																																																																																																							
Typed or Printed Name	RICHARD ALAN LAMBERT		Registration. No.	32,909	Telephone (937) 255-2838																																																																																																																																																																																																																		
Signature			Date	1/14/2002																																																																																																																																																																																																																			
Typed or Printed Name	BOBBY D. SCEARCE		Registration. No.	26,333	Telephone (937) 255-2838																																																																																																																																																																																																																		
Signature			Date	1/14/02																																																																																																																																																																																																																			

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: William V. Lampert et al

Group Art Unit:

Serial No.: (AFD 504)

Examiner:

Filed:

For: METHOD OF GROWING HOMOEPIТАXIAL SILICON
CARBIDE

CERTIFICATE OF MAILING
BY "EXPRESS MAIL" UNDER 37 CFR 1.10

"Express Mail" mailing label number EH 555040864 US
Date of Deposit: January 14, 2002

I certify that this patent application is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above from AFMC LO/JAZ, Bldg 11, Room 100, 2240 B Street, Wright-Patterson Air Force Base, Ohio 45433-7109 and is addressed to Box Patent Application, Assistant Commissioner for Patents, Washington DC 20231.


LYNNITA C. ROBERTSON
Legal Instruments Examiner

LC Robertson
937/255-2838

**REQUEST AND CERTIFICATION
UNDER
35 U.S.C. 122(b)(2)(B)(i)**

First Named Inventor	William V. Lampert et al.
Title	Method of Growing Homoepitaxial Silicon Carbide
Atty Docket Number	AFD 504

I hereby certify that the invention disclosed in the attached application **has not and will not be** the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing. I hereby request that the attached application not be published under 35 U.S.C. 1.22(b).

1/14/2002
Date

R A Lambert
Signature

RICHARD ALAN LAMBERT
Typed or printed name

This request must be signed in compliance with 37 CFR 1.33(b) and be submitted with the application **upon filing**.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant **must** notify the United States Patent and Trademark office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. **Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).**